

Notice of Allowability

Application No.

09/761,136

Examiner

Yemane M. Gerezgiher

Applicant(s)

TAM, TERRY

Art Unit

2144

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 05/11/2006.
2. ☒ The allowed claim(s) is/are 9-16 and 19-20 (renumbered 1-10).
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 20060719.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

WILLIAM VAUGHN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Nathaniel T. Wallace (Reg. No.: 48,909) on July 18, 2006.

In the claims:

Please cancel claim 1 and amend claims 9-16 as follows:

1. (Cancelled)

9. (Currently Amended) The ~~terminal according to claim 1~~ computer implemented method according to claim 19, wherein said parameter extensions field further includes a ParameterSeperator and at least one Parameter.

10. (Currently Amended) The ~~terminal~~ computer implemented method according to claim 9, wherein said ParameterSeperator in said parameter extensions field is a comma.

11. (Currently Amended) The ~~terminal according to claim 1~~ computer implemented method according to claim 19, wherein ~~the terminal transmits the TDMF message to the selected encoding is~~ DTMF, and a destination terminal of said communications terminals is a non-H.323 device.

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12. (Currently Amended) The computer-implemented method according to claim 11, wherein said identifier field contains a Feature Tag and Feature Code.

13. (Currently Amended) The ~~terminal~~ computer-implemented method according to claim 12, wherein said Feature Tag is limited to two characters for identifying said message as being DTMF String Encoded.

14. (Currently Amended) The ~~terminal~~ computer-implemented method according to claim 13, wherein said Feature Code is limited to six characters for identifying different classes of said supplementary services.

15. (Currently Amended) The ~~terminal~~ computer-implemented method according to claim 14, wherein said parameter extensions field further includes a ParameterSeperator and at least one Parameter.

16. (Currently Amended) The ~~terminal~~ computer-implemented method according to claim 15, wherein said ParameterSeperator is an asterisk.

Allowable Subject Matter

Claims 9-16 and 19-20 (renumbered 1-10) are allowed.

The following is an examiner's statement of reasons for allowance:

The inventive entity persuasively argued (see Applicant's Remark on Page 6, ¶3-4 and Page 7, ¶1) that none of the prior art of record taken singularly or in combination teaches or suggests a computer implemented method of encoding a PDU (Protocol Data Unit) in accordance with a protocol namely SSSP (Simple

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Supplementary Service Protocol) and transmitting the encoded PDU via a message over an existing H.323 protocol by making use of an alpha numeric string encoding for transmitting the message to an IP based communications and making use of DTMF (Dual Tone Multiple Frequency string encoding) encoding for transmitting the message for Dual Tone Multiple Frequency based network communications; the encoded PDU having therein an identifier field for identifying different functionally based supplementary services, the encoded PDU further comprising an end tag field for indicating message ending; the encoded PDU having therein a parameter extensions field separating the identifier field and the end tag field and communicating the message having a selected encoding format among communication terminals. The claimed limitations are enabled by the specification (Spec. Figs. 2-19, showing message flow using SSSP for plurality of additional supplementary services and encoding limitations on Page 6, Line 25 through Page 8, Line 14, and Page 17, Lines 5-18).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yemane M. Gerezgiher whose telephone number

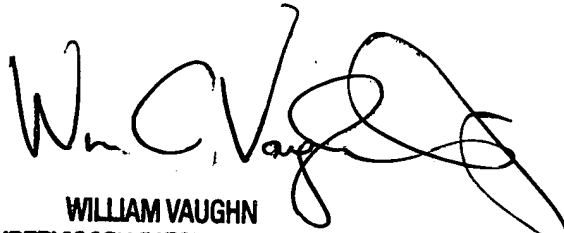
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is (571) 272-3927. The examiner can normally be reached on 9:00 AM - 6:00 PM
Mon - Fri.

If attempts to reach the examiner by telephone are unsuccessful, the
examiner's supervisor, William Vaughn can be reached at (571) 272-3922. The fax
phone number for the organization where this application or proceeding is assigned
is 703-872-9306.

Information regarding the status of an application may be obtained from the
Patent Application Information Retrieval (PAIR) system. Status information for
published applications may be obtained from either Private PAIR or Public PAIR.
Status information for unpublished applications is available through Private PAIR
only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>.
Should you have questions on access to the Private PAIR system, contact the
Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Yemane M. Gerezgiher
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